

REMARKS

Reconsideration and allowance of the subject application in view of the foregoing amendments and the following remarks is respectfully requested. This Amendment should be entered under Rule 116 because it places this application in condition for allowance.

Claims 10-12 and 14-18 remain pending in the application.

Claim 10 is objected to because of the noted informalities. In response, claim 10 has been amended and accordingly this objection should be withdrawn.

Claim 11 is objected to because of the noted informalities. In response, claim 11 has been amended and accordingly the objection should be withdrawn.

Claims 10-12 and 14-18 are rejected under 35 USC §102(b) as being anticipated by Sheinvald (1998). Applicants respectfully traverse this rejection.

Claim 10 is not anticipated by Sheinvald because Sheinvald fails to disclose or suggest all of the claimed features of claim 10, in particular, "the direction vectors $a_{1m} \dots a_{Km}$ obtained for the mobile sources and respectively for the instants $t_1 \dots t_k$ are associated during a period Dt in order to separate the different sources for each instant $t_1 \dots t_k$. the position (x_m, y_m, z_m) of the mobile emitter is directly localized from the vectors $a_{1m} \dots a_{Km}$ associated to a same emitter, one emitter being obtained from the differents instants t_k ."

Sheinvald discloses a method of localization of multiple sources with moving arrays. However, Sheinvald does not disclose localizing sources by determining the (x,y,z) coordinates of the sources. In fact, Sheinvald mentioned "the sources are far enough so that θ can be considered constant during the whole observation time" (See hypothesis A4), first column, Page 2737). At the end of the first paragraph of chapter II column 2 page 2736, Sheinvald recites "the sources are in the far-field of the array so that $\{\theta_k\}$ represent the direction of arrival". The term "far-field" means a field that is far

and the dimension of a synthetic network comprising a basis network is much less than the distance between a source and a network (See equation 3 Page 2736). Based on the above listed content of Sheinvald, it will be easy to understand that, in Sheinvald, a source is considered as being localized if its direction of arrival is determined. In contrast, in the claimed invention, one source is localized only if its coordinates in (x_n, y_n, z_n) are determined.

Thus, Sheinvald fails to disclose all of the claimed features of claim 10 and withdrawal of the rejection of claim 10 is respectfully requested.

Claims 11, 12 and 14 -18 recite additional, important limitations and should be patentable for the reasons discussed above with respect to claim 10 as well as on their own merit. Accordingly, the rejection of claims 11, 12 and 14-18 should be withdrawn.

All objections and rejections having been addressed, it is respectfully submitted that the application is in condition for allowance and a Notice to that effect is earnestly solicited.

The Examiner is invited to telephone the undersigned, Applicant's attorney of record, to facilitate advancement of the present application.

To the extent necessary, a petition for an extension of time under 37 C.F.R. 1.136 is hereby made. Please charge any shortage in fees due in connection with the filing of this paper, including extension of time fees, to Deposit Account 07-1337 and please credit any excess fees to such deposit account.

Respectfully submitted,

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A handwritten signature in cursive script that reads "Kenneth M. Berner".

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